

Lists of Research Projects for Faculty of Manufacturing Engineering (2014)

No	Research Title	Main Researcher	Start Year	End Year	Amount (RM)	Sponsorship Agency
1	Development of Aluminium Based Composites and High-Temperature Alloys from Recycled Automobile Scrap Alloy	Dr. A.K. Prasada Rao	2014	2016	26,880.00	UMP (Research Grant)
2	An Improved Decision Support Tool for Dynamics Job Shop Scheduling	Dr. Muchamad Oktaviandri	2014	2016	10,040.00	UMP (Research Grant)
3	Research on The Sustainable Manufacturing, Case Study :Palm Oil Industry	Dr. Nanang Fatchurrohman	2014	2015	5,500.00	UMP (Seed Money)
4	The Development of Mini Auto Grading Machine for Shrimp	Dr. Faiz Turan	2014	2015	5,500.00	UMP (Seed Money)
5	Deep Drilling Technique for increasing cooling Channel in Hot Press Forming Die	Dr. Ahmad Razlan Yusoff	2014	2016	274,153.00	MOSTI (ScienceFund)
6	Novel Composites And High Temperature Alloys From Recycled Automotive Aluminium Scrap	Dr. A.K. Prasada Rao	2014	2017	125,00.00	KPT (FRGS)
7	A new method for waterjet peening process improvement using a combination of waterjet surface hardening and polishing	Dr. Mohd Azmir Mohd Azhari	2014	2017	126,00.00	KPT (FRGS)
8	An Improved Multi-State Particle Swarm Optimization for Combinatorial Optimization Problems	Mr. Zulkifli Md. Yusof	2014	2016	43,000.00	KPT (FRGS)
9	Research on the manufacturing process:Development of a ceramic material for using in the solid oxide fuel cell	Dr. AKM Asif Iqbal	2014	2015	5,500.00	UMP (Seed Money)
10	Analysis of electromyographic activity on diabetic patient's upper limb muscles during voluntary contraction	Dr. Nizam Uddin Ahamed	2014	2015	5,500.00	UMP (Seed Money)

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11	Optimization of Punch Shape for Prevention of Wrinkling in Shrink Flanging of High Strength Sheets	Dr. Zamzuri Hamedon	2014	2016	32,500.00	UMP (Research Grant)
12	Criteria Selection Method in Design Evaluation for Product Development using Integrated Fuzzy-AHP	Dr. Faiz Mohd Turan	2014	2016	29,000.00	UMP (Research Grant)
13	Assessment of Surface Electromyographic Signals during Muscle Contraction from Normal Subjects and Rehabilitated Patients with Upper Limb Pain	Dr. Nizam Uddin Ahamed	2014	2016	21,500.00	UMP (Research Grant)