

Lists of Research Projects for Faculty of Manufacturing Engineering (2015)

No	Research Title	Main Researcher	Start Year	End Year	Amount (RM)	Sponsorship Agency
1	Development of Autonomous Vehicle for Road Marks Painting	Dr. Mohammed Abdo Hashem	2015	2017	28,800.00	UMP (Research Grant)
2	Micro-cutting of Biocompatible Materials Used for Medical Application	Dr. Kushendarsyah Saptaji	2015	2017	28,000.00	UMP (Research Grant)
3	Cutting Orientations in CNC Machining for Rapid Manufacturing Process	Mr. Muhammed Nafis Osman Zahid	2015	2017	26,000.00	UMP (Research Grant)
4	Development of a low cost miniature waterjet machine for micromachining application	Dr. Mohd Azmir Mohd Azhari	2015	2017	33,975.00	UMP (Research Grant)
5	Microstructural and functional modifications of Alumina based ceramic composites for an improved conductivity and EDM machineability using ceramic dopants	Dr. Mebrahitom Asmelash Gebremariam	2015	2018	91,000.00	KPT (FRGS)
6	Performance Of Assessment Model For In Situ Design Concept Evaluation Using Integrated Rough-Grey Analysis	Dr. Faiz Mohd Turan	2015	2018	84,900.00	KPT (FRGS)
7	High Temperature creep studies of recycled aluminium Alloys for automotive engine block applications	Dr. A.K. Prasada Rao	2015	2017	37,600.00	UMP (AEC CENTER)
8	Aluminium (Al) 6061 Alloy Metal Matrix Composites Reinforced with Fly Ash Particles (FAPs) and Carbon Nano Tube (CNT) for Automotive Component	Dr. Nanang Fatchurrohman	2015	2017	32,986.00	UMP (AEC CENTER)
9	Systematic Sustainability Assessment (SSA) Framework of Automotive-related Industry in the Malaysia Context	Dr. Faiz Mohd Turan	2015	2017	31,000.00	KPT (RAGS)