

# Maklumat Penyelidikan KUKUM

## Geran IRPA KUKUM

Nama Ketua Penyelidik	Tajuk	Tahun Geran	Jumlah Geran
PM Dr. Puteh bt Saad	Development an Intelligent Decision Support System for Rice Yeild Prediction in Precision Forming	2003	RM 137,400
PM Dr. Leha @ Zaleha bt. Muhamat	Kaedah Menjati Diri Anak-Anak Menurut Perspektif Islam: Perhatian dan Sokongan Keluarga, Sekolah dan Komuniti	2003	RM 169,000
PM Dr. Uda bin Hashim	The Fabrication and Optimization of Single-election Transistors	2004	RM 2,790,000

## Geran Penyelidikan Jangka Pendek KUKUM 2003

PM Dr. Zul Azhar Zahid Jamal	Design and Consytrution of The Teaching Fab for Microelectronics Undergraduate Program in The School of Microelectronics Engineering: Project Management Perspective	20.11.03-20.11.04	RM 19,250
PM Dr. Uda bin Hashim	Fabrication and Charecterization of in-house PMOS and NMOS Transistor Using Spin on	17.11.03 - 17.11.04	RM 20,000
Nursalasawati Rusli	Development of Feature Extraction Techniques based on Geometric Invariant Moment Theorem and Zernike Moment Theorem for Handwritten Digit/Alphabet and Monochrome Image Recognition	17.11.03 - 17.11.04	RM 15,000
Phaklen Ehkan	Optical Character Recognition (OCR) by using LabVIEW software	17.10.03 - 17.10.04	RM 19,250
Che Mohd Ruzaidi bin Ghazali	Preliminary Studies of Producing Thermoplastic Impregnated Wood	06.10.03 - 06.10.04	RM 14,000
Mazlee bin Mohd. Noor	Production of Aluminium Composite from Recycled Automotive Component	06.10.03 - 06.10.04	RM 20,000
Sazalinsyah bin Razali	Using Genetic Algorithms to build Optimal Artificial Neural Networks	15.09.03 - 15.09.04	RM 15,000
Rosli bin Omar	Menganalisa dan Merekabentuk Antena Trijalur Aktif	15.09.03 - 15.09.04	RM 15,000
Zol Bahri bin Razali	Pembangunan Software dan Sistem Mesin Pengamatan untuk Pemeriksaan Automatik bagi Mengawal Pembungkusan Semikonduktor	15.09.03 - 15.09.04	RM 16,000
PM Dr. Shamsul Baharin Jamaludin	Preliminary Investigation of Processing Cobalt Alloys Reinforced with Ceramic Particles for Improved Surgical Implants by Powder Metallurgy Technique	15.09.03 - 15.09.04	RM 20,000
Khairul Nizar bin Ismail	A Study on Clinker Microdtructure During Cement Production	15.09.03 - 15.09.04	RM 10,000
Abu Hassan bin Abdullah	Rescue Robot	30.08.03 - 30.08.04	RM 10,000
PM Dr. Leha @ Zaleha Muhamat	Kecemerlangan Pelajar Kejuruteraan KUKUM: Satu Usaha Untuk Mencari Kaedahnya Menurut Perspektif Islam	30.08.03 - 30.08.04	RM 10,000
PM Dr. Mohd Rizon bin Mohamed Juhari	Automatic Face Recogntion System Based on Iris Detection	29.08.03 - 29.08.04	RM 20,000
PM Dr. Puteh binti Saad	The Development of Neural Network Learning Algorithm to Forecast Crop Yield and Recognition of 2-D images	30.08.03 - 30.08.04	RM 20,000

## Geran Penyelidikan Jangka Panjang KUKUM 2004

Azman bin Muhamad Yusof @ Kamarudin	Development of a Microprocessor Core Unit	10.05.04 - 10.05.05	RM 20,000
Mohd Irfan bin Mohamed Dzahir	Preparation and Characterisation of Activated Carbon Produced from Sugarcane Bagasse	10.05.04 - 10.05.05	RM 6,038
Mazelan bin Abdul Hamid	Design and Setup of a Teaching Factory for Manufacturing Engineering Program	10.05.04 - 10.05.05	RM 18,000
Prof. Dato' Dr. Kamarudin Hussin	Kajian Perincian Batu Reput di Negeri Perlis dan Potensi Kegunaannya	10.05.04 - 10.05.05	RM 30,000

Sumber: Dekan Penyelidikan Dan Pembangunan KUKUM

