

NO.	TITLE	HEAD OF RASEARCHER	PERIOD	TOTAL GRANT	SOURCES
1.	A New Installation Method of Pile and Its Effect on Load Carrying Capacity and Pile-Response under Subsequent Loading	Prof Dr Faisal bin Hj Ali	2012-2015	RM 83,060.00	FRGS
2.	Development of prototype for Portable Bridge System	Col Prof Ir Dr Norazman bin Mohd Nor	2012-2014	RM 242,000	PRGS
3.	Development of Robust Portable Soil-Filled Barrier (PSB) for Blast Mitigation Application	Prof Dr Faisal bin Hj Ali	2012	RM 120,500	ERGS
4.	Investigation Of The Hydrodynamic Effect Of Waterjet With Pressure Exceeding 1 Gpa Cutting Through Solid Object	Prof Madya Ir Dr Mohammed Alias Yusof	2010-2012	RM 48,000	FRGS
5.	Automated Negotiation Support System for Value Management in Construction	Prof Ir Dr Arazi Idrus	2012-2013	RM 89,000	EScience
6.	Ground water extraction and treatment system fir domestic purpose in SgBesi Camp	Prof Madya Kapt Ir Neza bin Ismail (B)	2010	RM 7,000	UPNM
7.	Comparative study of portable bridge system using Aluminium Alloy and Composite Material	Col Prof Ir Dr Norazman bin Mohd Nor	2009-2011	RM 196,000	Science Fund
8.	Rainwater Treatment System Using Membrane Filtration for Domestic Uses	Col Prof Ir Dr Norazman bin Mohd Nor	2009-2010	RM 50,000	FRGS

9.	Kajian Struktur Penahan Letupan di Depoh Peluru Angkatan Tentera Malaysia dan juga Logi Penapis Gas Petronas Kertih Terengganu	Prof Madya Ir Dr Mohammed Alias Yusof	2008-2009	RM 10,000	UPNM
10.	Design and Fabricate Portable Bridge System Using Composite Material	Col Prof Ir Dr Norazman bin Mohd Nor	2008-2009	RM 172,400	Science Fund
11.	Penilaian Keberkesanan Jangka Pendek Modul Pendidikan Keselamatan Jalan Raya - Kumpulan Kajian Pengaruh Remaja terhadap Sikap Penggunaan Jalan Raya Ibumama (RUB)	<u>Principal</u> Dr. Law Teik Hua (UPM) <u>Members</u> Ng Choy Peng	2012	RM 139,022	MIROS, MOT
12.	An Analysis of the Effectiveness of the Passenger Seatbelt Legislation in Malaysia	<u>Principal</u> Dr. Law Teik Hua (UPM) <u>Members</u> 1. Dr. Kulanthayan KC Mani (UPM) 2. Dr. SulistyoArintono (UPM) 3. Assoc. Prof. Dr. Wong Shaw Voon (MIROS) 4. Dr. Hussain Hamid (UPM) 5. Assoc. Prof. Dr. Law Siong Hook (UPM) 6. Ng Choy Peng	2011	€21,000	FIA Foundation

13.	An Analysis of the Effectiveness of the Passenger Seatbelt Legislation and the Use of Child Seatbelt in Malaysia Using Willingness To Accept and Driver Behaviour Questionnaire Survey Approach	<u>Principal</u> 1. Dr. Law Teik Hua (UPM) 2. Assoc. Prof. Dr. Wong Shaw Voon (MIROS) <u>Members</u> 1. Dr. Kulanthayan KC Mani (UPM) 2. Dr. SulistyArintono (UPM) 3. Dr. Hussain Hamid (UPM) 4. Assoc. Prof. Dr. Law Siong Hook (UPM) 5. Ng Choy Peng 6. Dr. Norlen Mohamed (MIROS) 7. Ilhamah Othman (MIROS)	2011	RM 107,100	Malaysia Institute of Road safety Research (MIROS)
14.	Determine the Familial/ Friend Aspect of Young Motorcyclists Risky Riding Behavior	Ng Choy Peng	2012-2014	RM 43,300	RACE
15.	Innovative Solutions to Reduce Crashes between Trucks and Motorcycles (iSTREC) Collaborators: AIM, MIROS, RSRC, UPM, Volvo, Business Sweden, SAFER, Sweden	<u>RSRC Team</u> Assoc. Prof. Dr. Law Teik Hua (UPM), Dr. Alfian Abdul Halim (UPM), Ng Choy Peng	2013	RM 545,820	Agensi Inovasi Malaysia (AIM)
16.	Effect of Sugarcane Bagasse in Concrete Mix Towards Prolongation of Setting Time	Azani Bin Yahya	2014	RM 62,000	RAGS

17.	Effect of Rainfall infiltration into soil slope using Electrical Capacitance Volume Tomography (ECVT)	Dr. Aniza Ibrahim Hapsa Husen Faridah Hanim Khairuddin	2015	RM 50,000	RACE
18.	Expanded Polystyrene (EPS)-Soil Mixture Subjected to Blast Loading	Dr. Aniza Ibrahim Prof Dr. Faisal Ali Zulkifli Abu Hassan Muhamad Azani Yahya	2013-2016	RM 30,000	RAGS
19.	An Investigation Into Flood Phenomena in Peninsula Malaysia using Copulas and Related Non-parametric Statistic	Dr. Ummul Fahri Dr. Aniza Ibrahim Dr. Rozita	2015	RM 55,000	FRGS
20.	Effect of stream flow on development at Sungai Besi Catchment area	Dr. Nordila Ahmad Dr. Aniza Ibrahim Dr. Zuliziana Suif	2015	RM 20,000	UPNM
21.	Impact of human activities and climate change on suspended sedimen transport at Sungai Besi catchment	Dr. Nordila Ahmad Dr. Aniza Ibrahim Dr. Zuliziana Suif	2015	RM 20,000	UPNM
22.	Characteristic of Rapid Soft Soil Stabilization using Polymer Resin to Support Heavy Load Vehicles	Dr. Vikneswaran Munikanan Dr. Aniza Ibrahim Prof Dr. Faisal Ali Mohd. Nazrin Muhamad Azani Yahya PM Dr. Ir. Mohammad Alias	2012-2015	RM 28,700	RAGS
23.	Coconut Shell Concrete Block as New Construction Material	Hapsa Husen, Jestin Jelani, Noor Aina Misnon, Azani Yahya, Prof Kol Norazman Mohd Nor	2015	RM 20,000	UPNM