

Bil.	No. Geran	KETUA PENYELIDIK	AHLI KUMPULAN PENYELIDIK	BIDANG	TAJUK
1	FRGS/ICT02(01)/99 7/2013 (38)	Tay Kai Meng	Prof Dr Lim Chee Peng (USM) Dr Mah Yau Seng Asrani Lit Dr Delsye Teo Ching Leng	TK	A Novel Theoretical Synthesis of Fuzzy Causal Modeling and Information Theory: Mathematical Extensions, Evaluations, and a Real World Application in Sarawak
2	FRGS/TK07(01)/105 5/2013 (01)	Siti Noor Linda Taib	Norsuzailina Mohamed Sutan Ibrahim B Yakub Ron Aldrino Chan@Ron Buking Norazzlina M.Sa'don Prof Fauziah Bt Ahmad	TK	Strength, Morphological and Chemical Characterizations of Pavement Subbase Modified by Chemical and Industrial Waste for Durable Road Construction.
3	FRGS/TK01(01)/105 9/2013 (05)	Dr Mohd Danial Bin Ibrahim	Dr Miyanaga Norifumu Nabilah Ibrahim Muhd Fadzli Ashari	TK	Investigation of Non-Newtonian and Multiphase Laminar-Turbulent Flow Regime Rheology of Modified Nano-Macro Boundary Surfaces
4	FRGS/TK01(01)/113 6/2014 (03)	Shahrol Mohamaddan	Annisa Binti Jamali , Siti Zawiah Bt Md Dawal , Ahmad Hata Rasit , Mohd Syahmi Bin Jamaludin , Noor Aliah Binti Abdul Majid	TK	Investigation of the Required Parameters for Club Foot Treatment Based On Non-Invasive Medical Approach
5	FRGS/TK04(02)/113 8/2014 (05)	Ibrahim bin Yakub	Norsuzailina Binti Mohamed Sutan , Taufiq Yap Yun Hin , Khairul Anwar Bin Mohamad Said	TK	An investigation on agrowaste-based Selective Catalytic Reduction (SCR) catalyst in a denitrification of biomass-combustion flue gas
6	FRGS/TK02(01)/121 1/2014 (12)	Gaddaffi Bin Ismail	Anissa Jamali, Iskanda Openg (UiTM), Dr Alik Duju (Sarawak Forestry Corporation)	TK	Establishment of actual strength group and utilization of modified of Acacia mangium Timber of Sarawak
7	FRGS/TK03(02)/121 2/2014 (13)	Rohana Sapawi	Dr. Siti Kudnie Sahari, Dyg Nur Salmi Dharmiza Awg Salleh, Dr Sohiful Anuar b. Zainol Murad	TK	Mathematical Modeling of Minima Phase Nonlinearity CMOS Power Amplifier for Ultra Wideband Communication

8	FRGS/TK04(03)/1140/2014 (07)	Khairul Anwar Bin Mohamad Said	Khamirul Amin Bin Matori(UPM) , Norsuzailina Binti Mohamed Sutan , Ibrahim bin Yakub , Taufiq Yap Yun Hin	TK	Kinetic analysis of heavy metal and bacteria removal using PEI/nano-Ag membrane incorporated with biomass-based Activated Carbon
9	FRGS/2/2013/TK04/UNIMAS/02/1	Dr Nicholas Kuan Hoo Tien	Prof. Dr. Amir Azam Khan	TK	An investigation of the analytical tensile model and mathematical impact response formula for the novel lightweight eco-friendly Pandanus atropacus based composite
10	FRGS/TK04(01)/972/2013(13)	Dr Delsye Teo Ching Lee	Prof. Ng Chee Khoon, Prof. MD Abdul Mannan, Prof. Hilmi b. Mahmud (UM), Norsuzailina M Sutan.	TK	Chloride Penetration and Time to Corrosion Initiation of Concrete Produced from Agricultural Waste
11	FRGS/TK(01)/973/2013 (14)	AP Dr Syed Tarmizi Syed Shazali	PM Dr Shahidul Islam, Dr. Abdullah Yassin, Hishammudin Afifi, Ahmad Adzlan Fadzli, Mohd. Azrin Mohd Said	TK	Modelling of Energy Extraction from Low Velocity Water Stream with Micro Hydro Turbine
12	FRGS/2/2013/SG02/UNIMAS/01/1	Prof. Dr. Sinin Hamdan	PM Dr. Hasnzam Abdul Wahid, PM Dr. Ismail Jusoh	SG	Sound Quality Assessment of Wood
13	FRGS/TK04(06)/1304/2015/(23)	Dr. Shafrida Sahrani	Dr Kismet Anak Hong Ping, Dr Dayang Azra Awg Mat, Dr Norsuzailina Mohamed Sutan, Dr Idnin Pasya Ibrahim	TK	Development of Time Domain Inverse Scattering Algorithm for the Detection and Imaging of Buried Objects.
14	FRGS/1/2015/TK01/UNIMAS/02/2	Dr. Alsidqi Hassan	Prof ABDUL AZIZ, Universiti Malaysia Pahang Siti Noor Linda Taib, Universiti Malaysia Sarawak Norsuzailina Binti Mohamed Sutan, Universiti Malaysia Sarawak Fauzan Bin Sahdi, Universiti Malaysia Sarawak Andries Fourie, University of Western Australia	TK	Mathematical formulation of factors affecting total stress propagation anomaly in cemented slurry deposition within narrow walls
15	FRGS/1/2015/TK02/UNIMAS/03/1	Noraziah Abdul Wahab	Dr Shanti Faridah Salleh, Dr Ivy Tan Ai Wei, Mr. Nazeri Abdul Rahman, Mr. Mohd Farid Atan	TK	Phytoremediation Mechanism Towards Ammoniacal Nitrogen Reduction in Industrial Effluent

16	FRGS/1/2015/TK02/ UNIMAS/01/1	Prof. Dr. Andrew Ragai	AP Dr Khairuddin Sanaullah	TK	Modeling transport processes of microscale non-thermal plasma discharge in liquids applicable to long chain crude oil molecules cracking
17	FRGS/1/2015/SG06(02)/1287/2015(04)	Dr. Muhd Kashif	Pro Uda Hashim (UniMAP); Dr M. Eaqub Ali (UM); Prof Madya Dr Zainab Ngaini (UNIMAS); Prof Mohamad Rosup Bin Mahmood (UiTM, Shah Alam); Dr Siti Kudnie Sahari (UNIMAS)	Applied Science	Synthesis and characterization of Graphene Oxide via Hummers' Method As a Hole Transport Layer on Azo-Kojic Compound or Organic Photovoltaics (OPVs) Applications
18	FRGS/1/2015/SG06/ UNIMAS/03/1	Nur Syuhada Ahmad Zauzi	Influence of Chemical Treatment on the Physicochemical Properties of Aluminium Dross in Industrial Applications	Material Science	Dr Rubiyah Bains, Dr Md Rezaur Rahman, Prof. Dr Sinin Hamdan and Dr Norsuzailina bt Mohamed Sutan
19	FRGS/DK02(04)/130 2/2015(21)	Dr. Rubiyah Bains	Co-researchers: (1) Nur Syuhada Ahmad Zauzi (2) Dr Md Rezaur Rahman (3) Pn Noraziah Abdul Wahab (4) Pn Norlisa Mili (5) Prof Dr Mohd Omar Abdullah	TK	Study of Drying Characteristics for Lemantak (Sarawak Sago Starch)
20	FRGS/1/2015/TK01/ UNIMAS/02/3	Dr Fauzan Sahdi	i) Dr Fauzan Sahdi ii) Dr Alsidqi Hasan iii) AP Dr Siti Noor Linda Taib iv) Dr Norazzlina M. Sa'don 2) Norwegian Geotechnical Institute (NGI): i) Dr Noel Boylan 3) Universiti Putra Malaysia (UPM): i) Prof. Dr. Buiang Bin Kim Huat	TK	Laboratory Modelling of The Rate Dependent Behaviour of Penetrometers For Improved Geotechnical Characterisation of Peat

21	FRGS/1/2016/TK07/ UNIMAS/01/1	Dr Paul Ratnamahilan Hoole		TK	Finite Difference Computational Model of Smart Grid Low Voltage Distribution Cable Fields for Design and Monitoring using Graphics Processing Unit (GPU) Parallelization
22	FRGS/1/2016/TK07/ UNIMAS/01/2	Mohammad Omar Abdullah		TK	A study of biodiesel from waste cooking oil catalyzed by Sarawak novel ostrich-eggshell based catalyst
23	FRGS/1/2016/TK04/ UNIMAS/02/1	David Bong Boon Liang		TK	Pointwise Distortion Index for Blind Quality Assessment of Stitched Image
24	FRGS/1/2016/TK04/ UNIMAS/02/2	Ahmed Mohamed Ahmed Haidar		TK	Optimization of a Smart Grid Containing Renewable Energy Resources to minimize Power Blackouts in the State of Sarawak
25	FRGS/1/2016/TK08/ UNIMAS/02/1	Mohamad Raduan Bin Kabit		TK	Modelling distracted driving behaviours associated with phone usage on driving errors
26	FRGS/1/2016/TK02/ UNIMAS/02/1	Cirilo Nolasco Hipolito		TK	Isolation and Characterization of a Lactic Acid Bacterium and Testing its Productivity in a Stirred Tank Bioreactor.