Fundamental Research Grant Scheme (FRGS) Training 8th July 2014

Philosophy of Fundamental Research Grant Scheme

Generate knowledge that can contribute to enhance levels of intellectual property, creation of new technology and dynamic cultural nourishment in accordance with national aspirations.

Definition of Fundamental Research Grant Scheme

Basic research that can produce theories, concepts and new ideas for the advancement of knowledge.

The purpose of Fundamental Research Grant Scheme

Encourage the generation of theories, concepts and new ideas that can be a catalyst for discovery and creation of innovative knowledge to expand the boundaries.

Research Areas

FRGS grants funded include basic fields that can support strategic agenda of the country. Fields identify are:

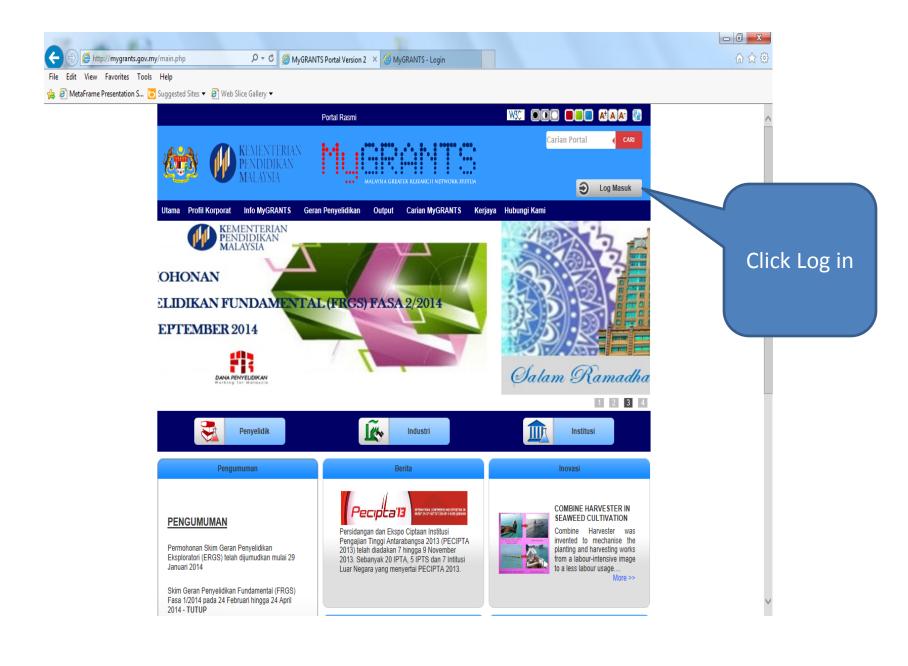
- A. Pure Science
- B. Applied Science
- C. Technology and Engineering
- D. Clinical and Health Sciences
- E. Social Sciences
- F. Arts and Applied Arts
- G. Natural Sciences and National Heritage
- H. Information and Communication Technology

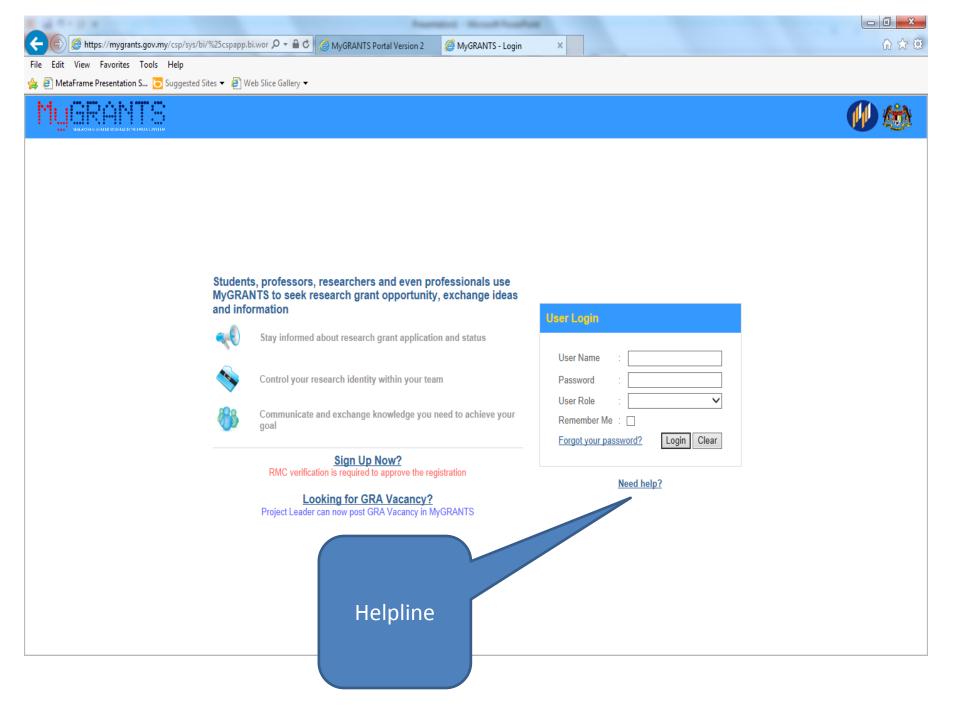
What Game Are We Playing?

Quality Game

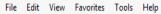
mygrants.gov.my

Recommended Browser = Internet Explorer









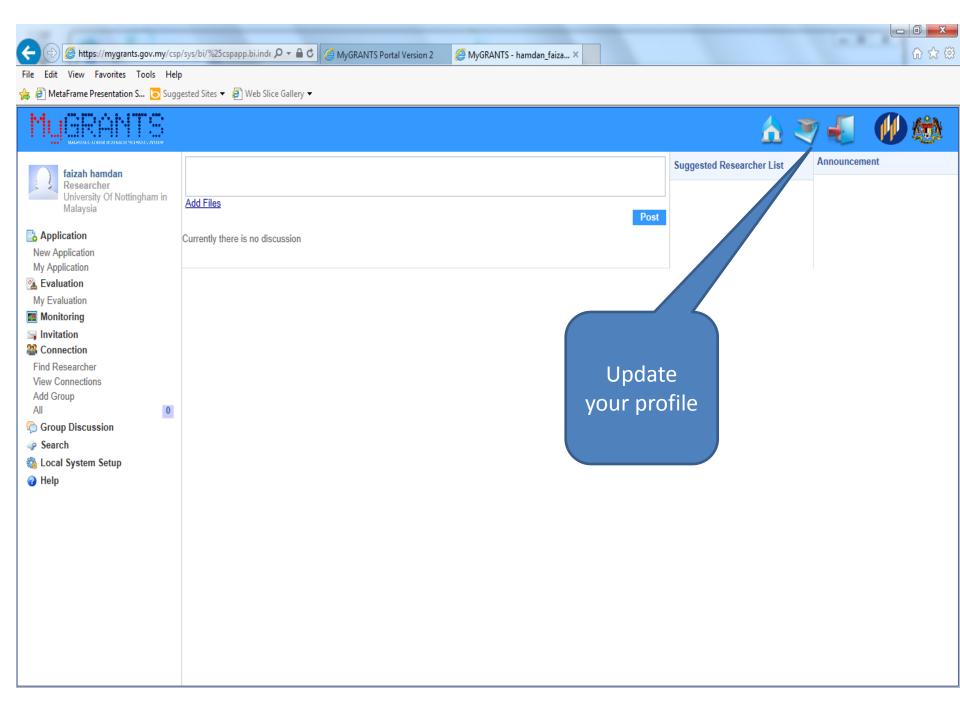


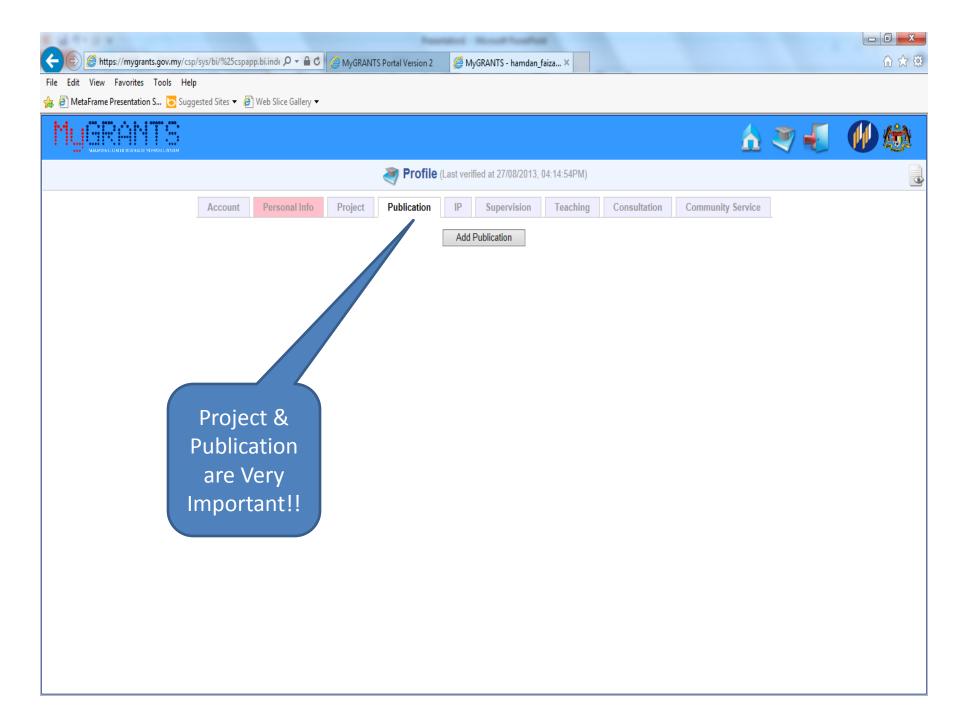


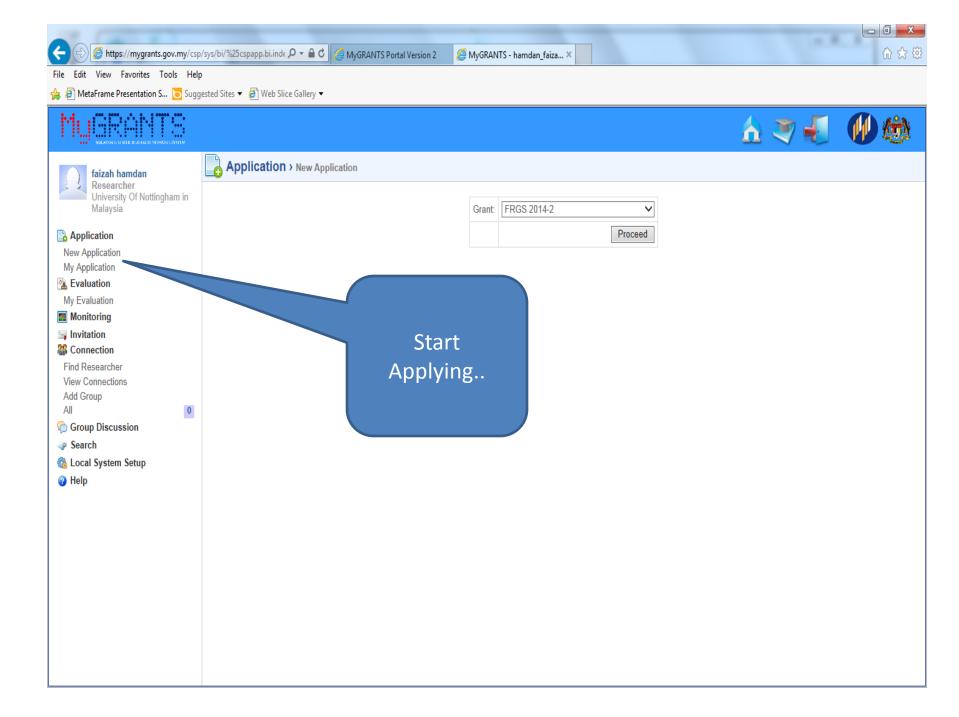


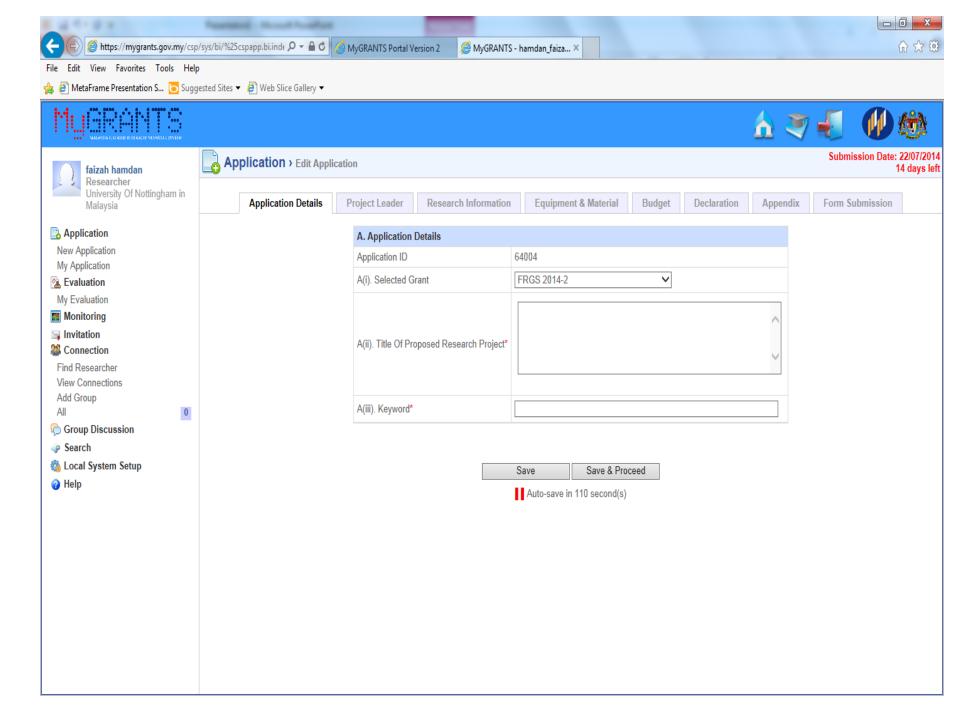
Contact Us				
Name	Role	Contact		
Helpdesk Email	-	helpdesk@mygrants.gov.my		
Qayyuum	Helpdesk Support	012-620 0825		
Jason	Helpdesk Support	010-225 2532		
Kenneth	Lead Developer	012-788 0116		

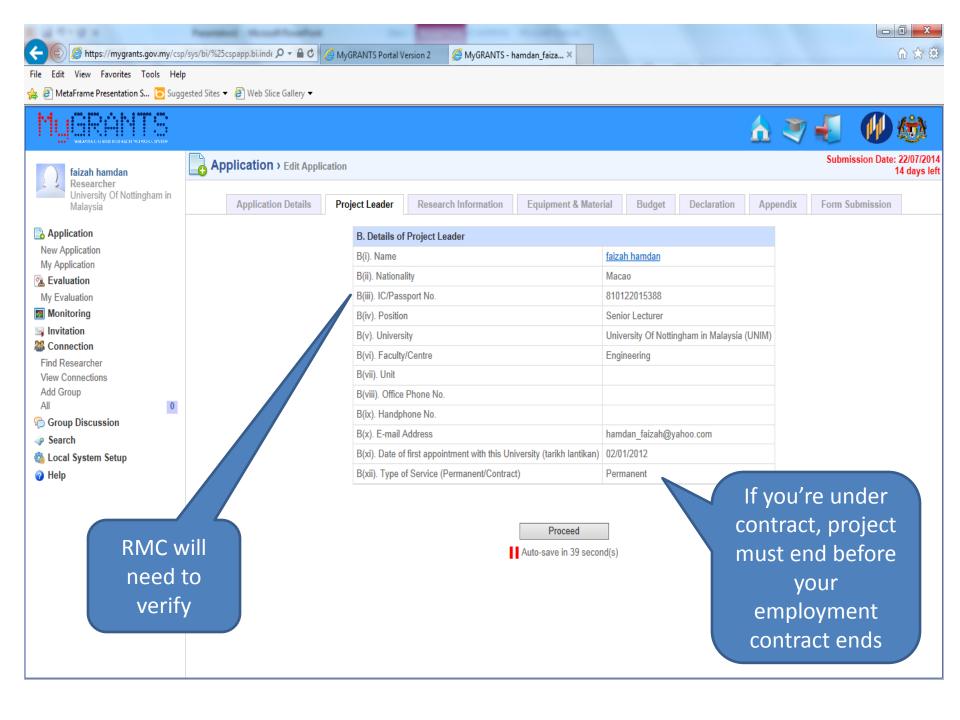
User Manual
FRGS Application Manual
TRGS Application Manual
LRGS Concept Paper Manual
PRGS Application Manual
Researcher Revision Manual
Panel Evaluation

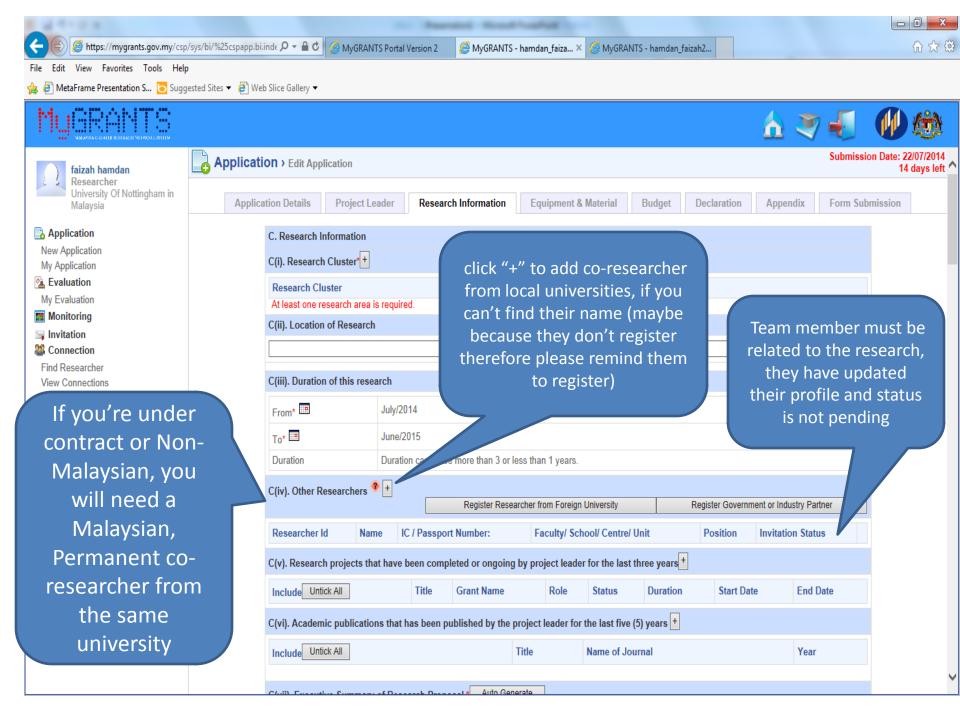


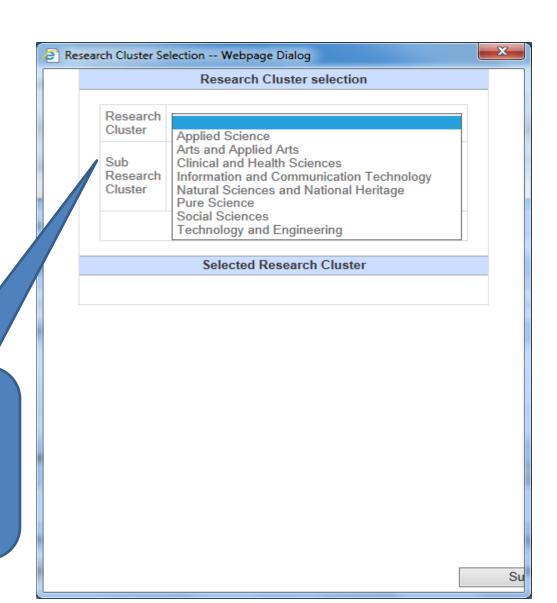






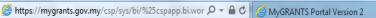






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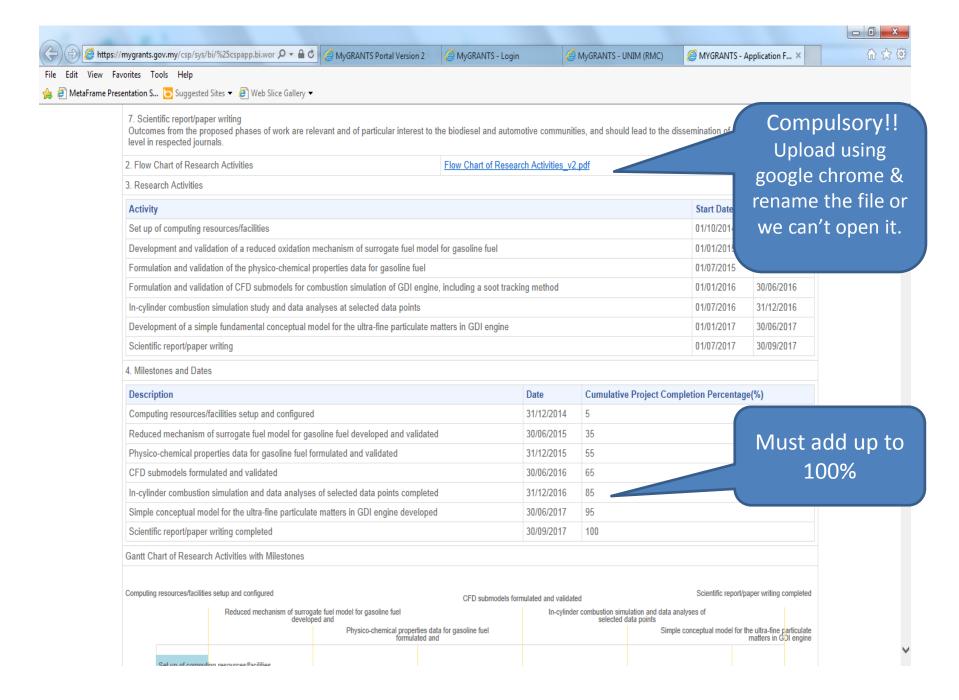
Researcher Id	Name	IC / Passport Number:	Faculty/ School/ Centre/ Unit	Position
12314	Gan Suyin	760903075540	University Of Nottingham in Malaysia	Professor (Professor)
25459	Harun Bin Mohamed Ismail	850915085139	Monash University Of Malaysia	Lecturer (Lecturer)
42890	Fabrizio Bonatesta		University of Oxford,UK	Senior Lecturer (Senior Lecturer in Thermo-fluids,)

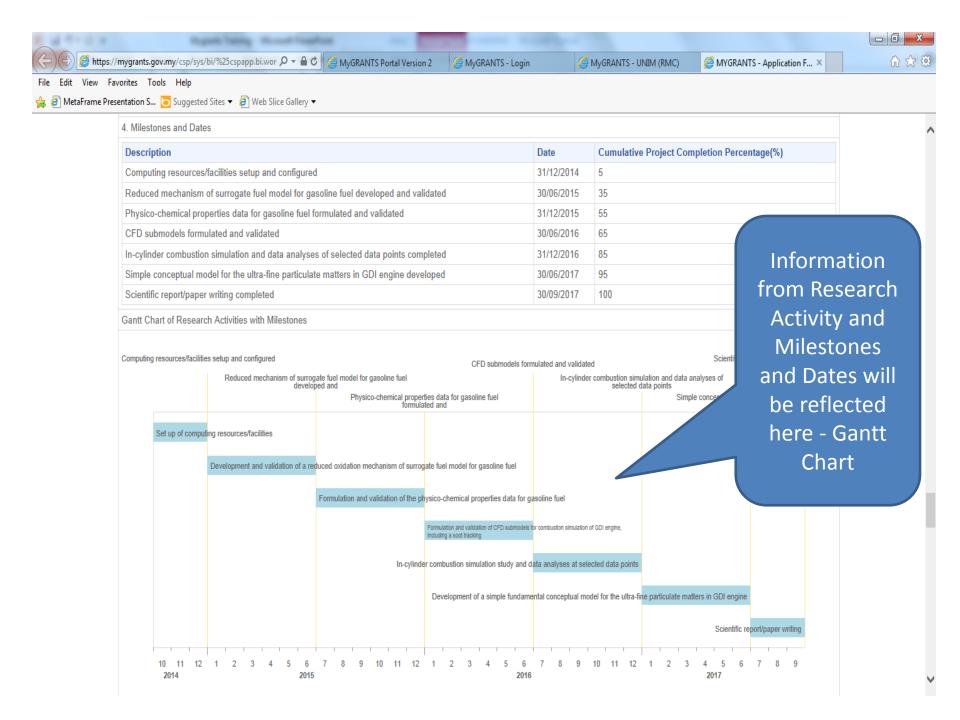
C(v). Research projects that have been completed or ongoing by project leader for the last three years

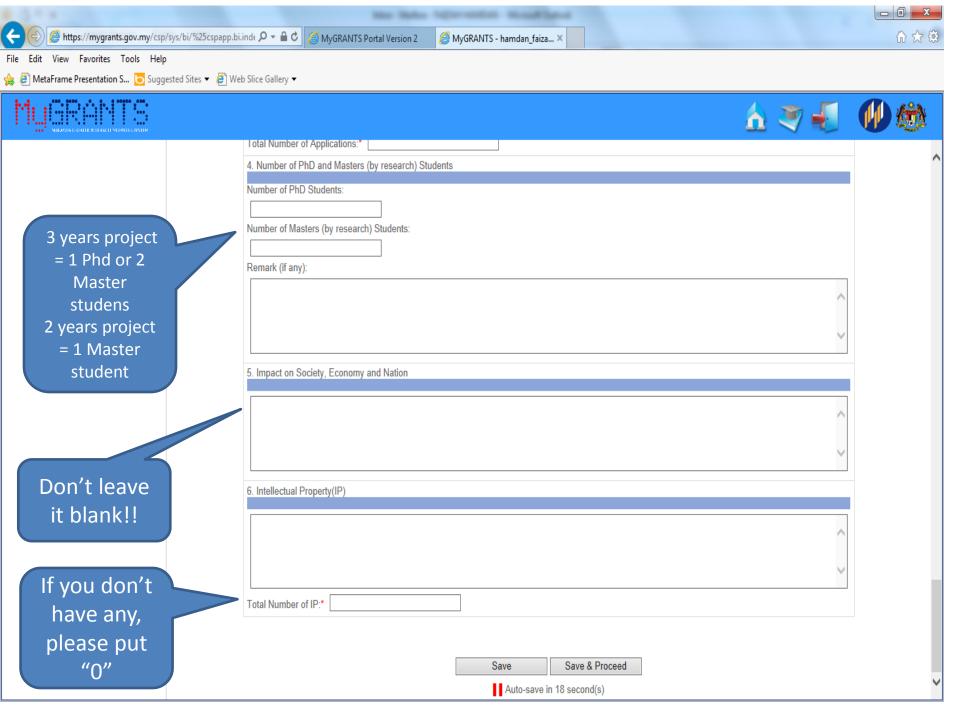
ant Name	Role	Status	Duration	Start Date	End Date
GS	Member	In Progress	3 years	01/01/2014	31/12/2016
ndemental Research Grant neme (FRGS)		In Progress	3 years	01/09/2011	31/08/2014
DAS	Project Leader	Complete	2 years 11 months	01/12/2009	01/11/2012
enceFund	Member	Complete	2 years	01/06/2010	31/05/2012
enceFund	Member	Complete	2 years	01/10/2009	30/09/2011
w Academic Staff	Project Leader	Complete	4 years	01/09/2007	01/09/2011
ers	Member	Complete	3 years	01/09/2008	31/08/2011
GS nde nei DA en	emental Research Grant me (FRGS) AS nceFund nceFund Academic Staff	Member emental Research Grant me (FRGS) AS Project Leader As Project Leader Member Academic Staff Member Project Leader Project Leader	Member In Progress emental Research Grant me (FRGS) In Project Leader Progress AS Project Leader Complete Leader Member Complete Academic Staff Project Leader Complete	Member In Progress 3 years emental Research Grant me (FRGS) In Progress 3 years AS Project Leader Complete 2 years 11 months nceFund Member Complete 2 years Academic Staff Project Leader Complete 4 years	Member In Progress 3 years 01/01/2014 emental Research Grant me (FRGS) In Progress 3 years 01/09/2011 AS Project Leader Complete 2 years 11 months 01/12/2009 InceFund Member Complete 2 years 01/06/2010 Academic Staff Project Leader Complete 4 years 01/09/2007

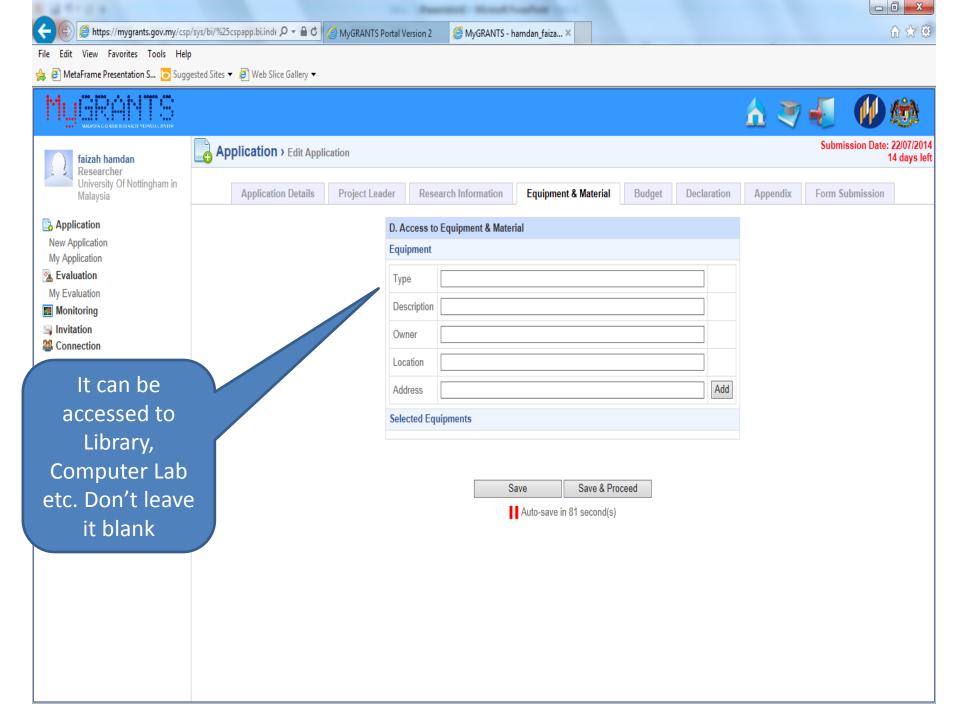
C(vi). Academic publications that has been published by the project leader for the last five (5) years

Title	Name of Journal	Year
Extraction agents for the removal of polycyclic aromatic hydrocarbons (PAHs) from soil in soil washing technologies	Environmental Pollution	2014
Chemical kinetic mechanism reduction scheme for diesel fuel surrogate	Applied Mechanics and Materials	2014
Characterisation of ignition delay period for a compression ignition engine operating on blended mixtures of diesel and gasoline	Applied Thermal Engineering	
Evaluation of in situ catalysed hydrogen peroxide propagation (CHP) for phenanthrene and fluoranthene removals from soil and its associated impacts on soil functionality	Environmental Science and Pollution Research	2014
Pyrolysis of Jatropha curcas pressed cake for bio-oil production in a fixed-bed system	Energy Conversion and Management	2014
Current best practices for organic analysis	Contaminated soils: a guide to sampling and analysis	2014

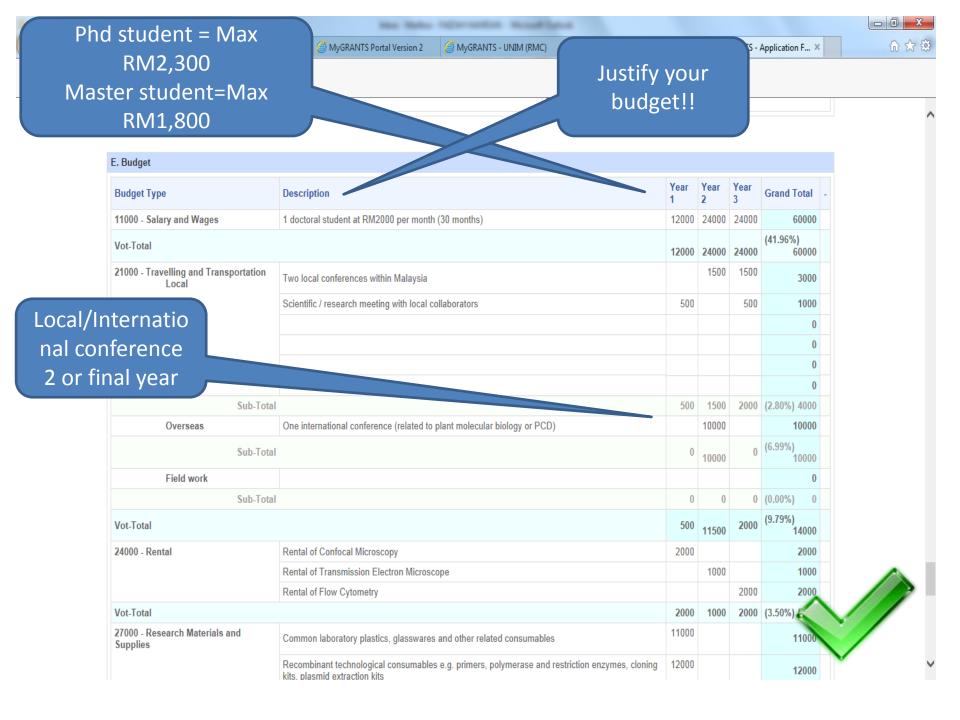


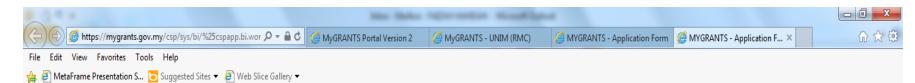






Budget Max RM250,000





24000 - Rental	Rental of Confocal Microscopy	2000			2000)
	Rental of Transmission Electron Microscope		1000		1000)
	Rental of Flow Cytometry			2000	2000)
Vot-Total		2000	1000	2000	(3.50%) 5000)
27000 - Research Materials and Supplies	Common laboratory plastics, glasswares and other related consumables	11000			11000)
	Recombinant technological consumables e.g. primers, polymerase and restriction enzymes, cloning kits, plasmid extraction kits	12000			12000)
	Plant seeds and planting related consumables e.g. pots, composts, fertilizers	3000			3000)
	Cellular proliferation and histochemical assays e.g. MTT, H&E, AO, PI, DAPI		4000		4000)
	Expression assays e.g. RT-PCR kits, real-time RT-PCR kits, Taqman probes, RNA extraction kits, protein extraction kits, 1D and 2D electrophoresis reagents, Western blotting reagents and membrane, antibodies, conjugates	2000	6000	8000	16000)
	Cell signalling assays e.g. Comet, TUNEL, caspase, flow cytometric reagents, ELISA reagents		3000	7000	10000)
Vot-Total		28000	13000	15000	(39.16%) 56000)
28000 - Maintenance and Minor Repair Services					0)
Vot-Total		0	0	0	(0.00%))
29000 - Professional Services Services/Consultancy	Printing such as conference posters, hononarium for invited expert, journal publication fees related to project		3000	5000	8000)
					0)
Sub-Total		0	3000	5000	(5.59%) 8000)
Short term course					0)
Sub-Total		0	0	0	(0.00%))
Vot-Total		0	3000	5000	(5.59%) 8000)
35000 - Accessories and Equipment					0)
Vot-Total		0	0	0	(0.00%))
Grand Total		42500	52500	48000	(100.00%) 143000)

