



BRIEFING ON FRGS

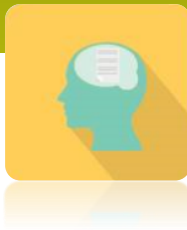
PHASE 1/2019

BAHAGIAN PENGURUSAN PROJEK, 28 JANUARI 2019

FRGS

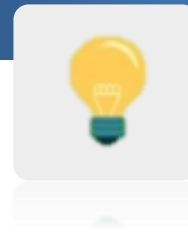
Philosophy

Contribution towards knowledge enhancement on intellectual, new technology invention and cultural enrichment in line with the nation's aspiration.



Definition

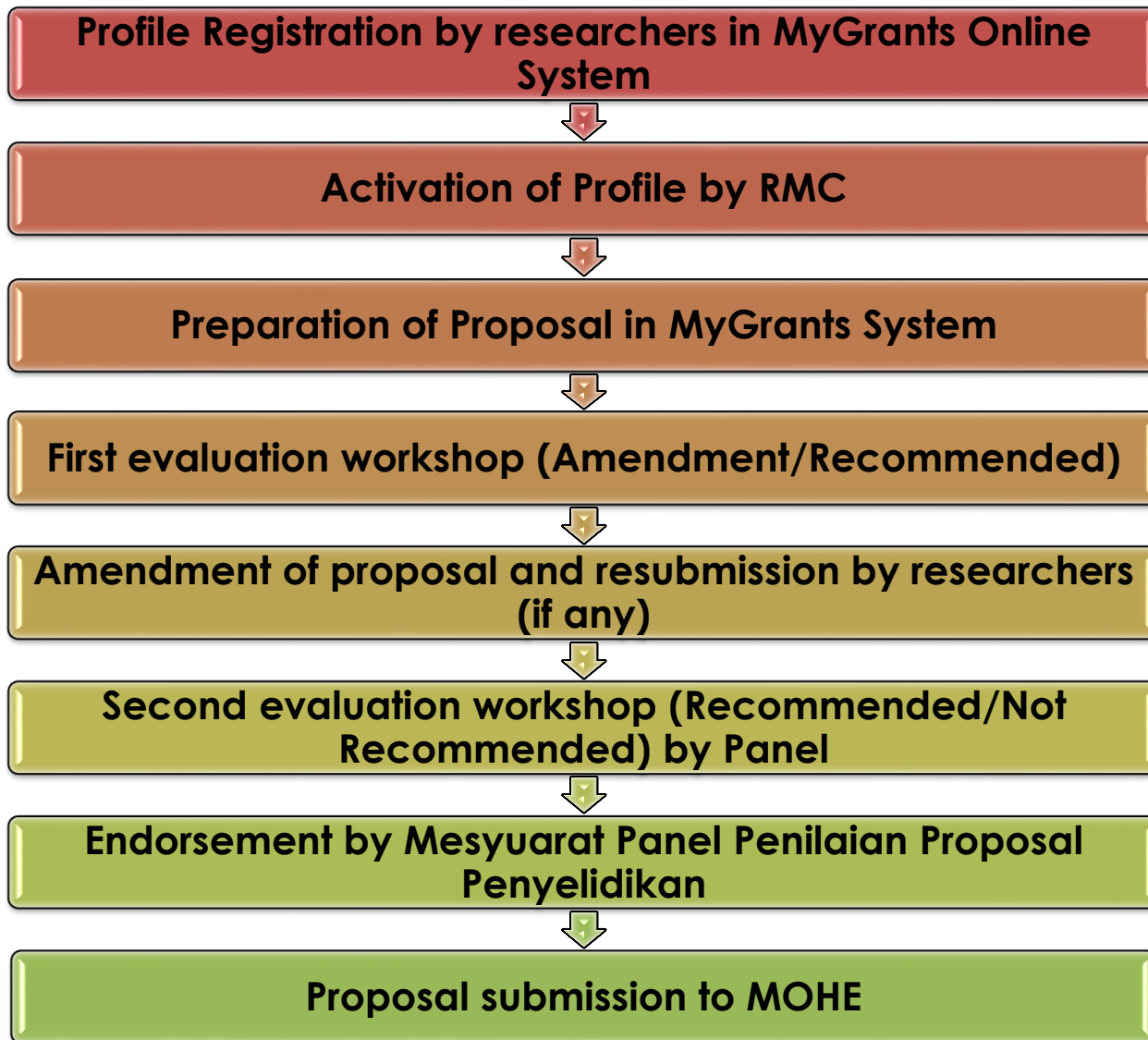
Basic research that generates new theory, concept and idea for knowledge enhancement.



Objectives

Encourage generation of new theory, concept and idea that catalyze new discovery and innovative invention for knowledge enhancement.



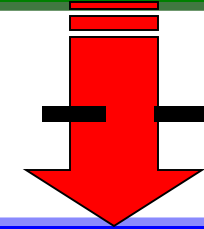


KPT Grant Workflow Phase 1/2019

No	Description	Action	PRGS	FRGS	
1	Announcement of grants opening	RMC	17-Jan-19	17-Jan-19	
2	Briefing Session at UTMKL	RMC	28 JANUARY 2019 (MONDAY)		Video Conferencing UTMKL and UTMPagoh
3	Briefing Session at UTMJB	RMC	28 JANUARY 2019 (MONDAY)		
4	Preparation of Proposal	Project Leader	17 Jan - 31 Jan 2019	17Jan -18 Feb 2019	
5	Proposal submission due date in MyGrants	Project Leader	31 Jan 2019	18 Feb 2019	
6	Appointment of evaluation Panel and Assigning Proposal	Research Alliance	1 - 10 Feb 2019	19 - 25 Feb 2019	Evaluation process
7	Presentation & First Evaluation Workshop	Panel / Research Alliance / RMC	11-13 Feb 2019 (Workshop)	N/A	
8	First Round Evaluation (Online) (Amendment/Recommended/ Not Recommended)	Panel / Research Alliance	11- 14 Feb 2019 (Online Evaluation)	26 Feb - 12 Mar 2019	
9	Amendment of proposal & resubmission	Project Leader	14 - 17 Feb 2019	13 - 20 Mar 2019	
10	Second Round Evaluation (Recommend/ Not Recommended)	Panel	18- 21 Feb 2019	19 Mar - 2 Apr 2019	
11	Prepare, process and submit final proposal to RMC	Research Alliance	22 - 23 Feb 2019	3 - 6 Apr 2019	
12	Endorsement by Mesyuarat Panel Penilaian Proposal Penyelidikan	RMC	24 - 26 Feb 2019	7-9 Apr 2019	
13	Prepare, process and submit to MOE	RMC	27 - 28 Feb 2019	10 -11 Apr 2019	

Fundamental
Research

Mainly Domain based Research



Applied
Research



Technology



Innovation

Mainly Interdisciplinary

Research based on Problems being Solved for knowledge generation, wealth creation and societal well-being

Research carried out to increase understanding of fundamental principles.



End results have no direct or immediate commercial benefits: basic research can be thought of as arising out of issues



However, in the long term it is the basis for many commercial products and applied research.



Open to all academics from IPT and Research Institute:

- Malaysian citizen; and 2.1.1
- Permanent/Contract academic staff (Professor, Associate Professor, Senior Lecturer, Lecturer); or Contract staff - requires co-researcher who is a permanent academic staff. 2.1.2
- For non-Malaysians, co-researcher must be Malaysian citizen who is a permanent academic staff. 2.2.3
- **Malaysian citizen Research fellow from IPTA with a contract of not less than 1 year is allowed to apply for a grant as Project Leader. However,** co-researcher must be Malaysian citizen who is a permanent academic staff. 2.1.4

Application from branch campus:

- For non-Malaysians, co-researcher must be Malaysian citizen who is a permanent/tenured academic staff. 2.1.5.1
- Research and talent development must be done within Malaysia 2.1.5.2

- Principal investigator (PI) is allowed to lead only one project but can be co-researcher in other projects per cycle. 2.1.6

- **Researcher must ensure that all previous research project reports under the Ministry of Higher Education Research Grant Scheme has been entered and completed at least 75% in the MyGRANTS performance report system.** The report must be verified by RMC UTM. 2.17

- Every research program must produce : 2.1.8
 - i) **Three (3) years**
 - (1) Ph.D full time or
 - (2) Masters students full time or
 - Combination of PhD and Masters
 - ii) **Two (2)years**
 - (1) Masters student full time

- Academic staff on sabbatical/study leave (for more than 6 months duration) is not allowed to be the principal investigator but can be a co-researcher. 2.1.9

DURATION

- Duration of research within **2 (two) until 3 (three) years** 2.3

CEILING ALLOCATION

- The total allocation requested should **not exceed ceiling RM250,000.00** 2.4

Evaluation Criteria

- Research carried out must contribute to **new idea, theory, concept, method, model or new process.** 1.7.1
- Enhancement of policy, methodology or new approach of solving problem 1.7.2
- Issue on elevating the standard of living within the community and the country 1.7.3
- Contribute to the country's strategic agenda 1.7.4

Criteria For Appointment Of Evaluation Panel

- Professor and Associate Professor or equivalent (ie senior fellow) and above from any higher learning institutions.
- Expert in the areas according to FRGS cluster.
- Assessor Credibility– (H-index/citation/publications/experience industry related).
- Experience as project leader for at least one research project at the Institutional/ National / International level.
- Experience as panel at institutional / national / international level.
- Currently not serving as top management from the same university (NC, DVC, Dean, Director of RMC).

Cluster	Sub Cluster	Sub Cluster	Sub Cluster
Pure & Applied Science	Chemistry	Physic	Biology
	Biochemistry	Material Science	Mathematics & Statistic
	Geology		
	Chemistry	Physic	Biology
	Mathematics & Statistic	Biotechnology	Materials Science
	Geoscience	Computer Science	
Technology and Engineering	Mechanical & Manufacturing	Electrical and Electronic	Civil & Structural
	Material and Polymer	Chemical Engineering and Processing	Energy and Green Technology
	Infrastructure and Transportation	Construction and Construction Materials	Aerospace
	Civil	Chemical Engineering	Chemical & Process Engineering
	Energy	Green Technology	Information & Communication

Cluster	Sub Cluster	Sub Cluster	Sub Cluster
Clinical and Health Sciences	Basic Medical Science	Pharmacy	Pharmacology
	Medical Microbiology	Parasitology	Pathology
	Community Medicine	Oncology	Health Science
	Associate Health Sciences	Dental	Nursing
	Nursing Science	Preventive Medicine	Surgery
	Community Medical Prevention	Clinical Medical	Clinical Studies
	Clinical Surgery	Medicine	
Social Sciences	Anthropology	Political Science	Economics
	Psychology	Business and Management	Human Ecology
	Sociology	Geography	Communication
	Ethnography	Business (incl Accounting, Finance & marketing)	Management (Organizational Behavior & Entrepreneurship)
Arts and Applied Arts	Language and Linguistic	Philosophy	Art
	Literature	Civilization	Culture
	Religion	History	Education
	Policies and Law	Environment (Human aspect)	Built Environment (Human aspect)
	Environment	Built Environment	

Cluster	Sub Cluster	Sub Cluster	Sub Cluster
Natural and Cultural Heritage	Environment	Forestry	Agriculture
	Marine	Archaeology	Geoscience
	Ethnography	Built Environment (Heritage Aspect)	Culture
	Biodiversity		
Information and Communication Technology	Software	Soft Computing	Computer Networking
	Information Security	Multimedia	Computer Engineering
	Computer Science	Artificial Intelligence	Software and Information
	Hardware Design	Theory of Computation	Computer Networks
	Information System	Infrastructure & Transportation	

Vote 11000 - (Salary and allowances for Graduate Research Assistant (RSG))

5.1.1

- Salary and allowances for **Graduate Research Assistant (GRA)** – full time research only.
- Maximum amount for salary and allowances is not more than **RM2,300 for a PhD and RM1,800 for a Masters** student or in accordance with the institutions guideline.

Vote 21000 - (Travel and Transportation)

5.1.2

- Travel includes all **domestic** travel and transportation related to the project. 5.1.2.1
- Total expenditure for travel and transportation must **not exceed 40%** of the total project budget. 5.1.2.3

- **For Overseas travel** (subject to approval from Assessment Panel) must meet the following criteria: 5.1.2.2
 - Overseas travel is allowed only if the grant approved is enough. Only the **principal researcher** and **co-researchers** are allowed to travel.
 - GRA only allowed to attend local activities.
 - Overseas travel is only allowed for research output presentation in conferences/seminars/workshops/colloquium
 - Travel destination must be to appropriate places and economical in resources, expertise and technology transfer.
 - Overseas travel must be in accordance with the particular institution's regulation.
 - **Maximum 20%** of the fund is allowed for attendance to conferences and other activities other than field work.

Vote 24000 - (Rentals)

5.1.3

- Rentals are only allowed for buildings, equipment, transportations and other items directly related to research.

Vote 27000 – (Research Materials and Supplies)

5.1.4

- Only expenditures related to the research is allowed.

Vote 28000 – (Minor Repairs and Modification)

5.1.5

- Only minor repairs and modifications are allowed for building, laboratories or other items related to the research.
- Maintenance of existing equipment is also allowed. Upon completion of the project, maintenance of the equipment will be borne by the institution and not by this grant.

Vote 29000 – (Professional Services)

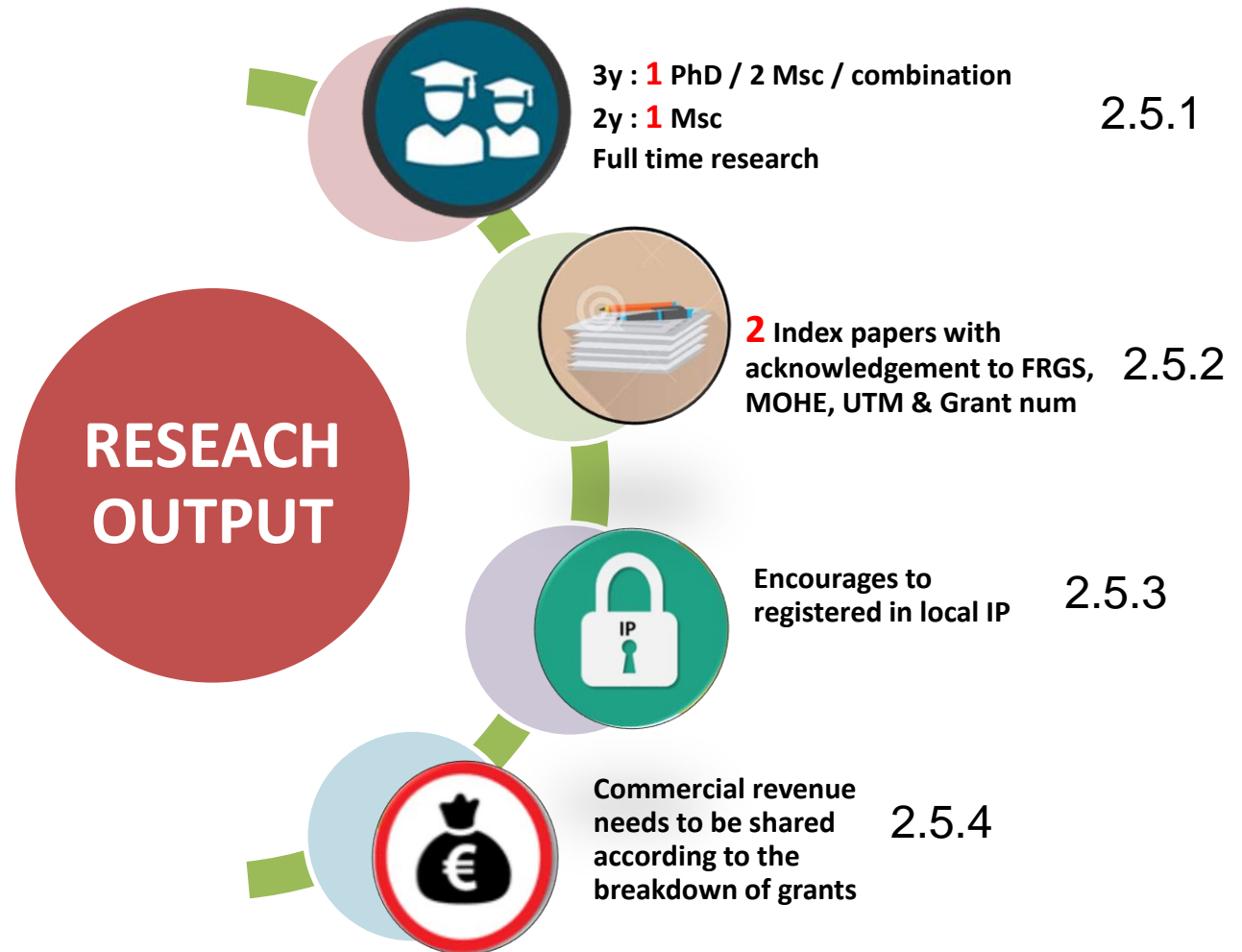
5.1.6

- a) Services includes printing, hospitality, honorarium, consultation, computer usage, data processing and others related to the research.
- b) Special services / One-off expenditure :
 - i. Includes cost to attend courses, short-term programme (once (1) only) to learn specific techniques related to the research.
 - ii. Duration allowed is not more than three (3) months.
 - iii. Total expenditure (b) **must not be more than 5%** of the approved amount of the grant.

Vote 35000 (Equipment and accessories)

5.1.7

- i. Only purchase of specialised equipment and accessories (including upgrading of existing equipments) related to the research are allowed.
 - ii. Please provide the list and justifications for all equipment and accessories requested.
 - iii. Total amount requested must **not be more than 40%** of the amount approved for the grant.
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- **IT IS NOT ALLOWED** to buy communications equipment, office equipment and hardware such as **workstations, laptops, iPads, hand phones, printers, toners, stationery** and any purchases that are not directly related to research projects. 5.2.1
 - The use of grant allocation for management / administration charges is not allowed. 5.2.2



TADBIR URUS DANA PENYELIDIKAN KPT



BIL.	PERKARA	FRGS	TRGS	PRGS	ERGS	RAGS
1.	Perubahan Skop / Objektif		Kelulusan JPT, KPT (*dalam tempoh 6 bulan pertama penyelidikan)			
2.	Pertukaran Ketua Program	-	Kelulusan JPT, KPT	-	-	-
3.	Pertukaran Ketua Projek	Kelulusan RMC	Kelulusan JPT, KPT	Kelulusan RMC	Kelulusan RMC	Kelulusan RMC
4.	Penambahan Ahli	Kelulusan RMC	Kelulusan JPT, KPT	Kelulusan RMC	Kelulusan RMC	Kelulusan RMC
5.	Pelanjutan Tempoh Pertama (maksimum 6 bulan)	Kelulusan RMC	Kelulusan JPT, KPT	Kelulusan RMC	Kelulusan RMC	Kelulusan RMC
6.	Pelanjutan Tempoh kali – 2 (maksimum enam bulan)	Kelulusan JPT, KPT	Kelulusan JPT, KPT	Tidak dibenarkan (Fasa 1/2016)	Kelulusan JPT, KPT	Tidak dibenarkan

TADBIR URUS DANA PENYELIDIKAN KPT



BIL.	PERKARA	FRGS	TRGS	PRGS	ERGS	RAGS
7.	Permohonan Pinda Vot (Virement)	Sekali setahun. Amaun yang boleh dipinda tidak melebihi 50% dari j mengikut vot.				
		Kelulusan RMC	Kelulusan JPT, KPT	Kelulusan JPT, KPT	Kelulusan RMC	Kelulusan RMC
8.	Pembelian peralatan tiada dalam proposal	Kelulusan JPT, KPT				
9.	Pengurusan Laporan Akhir (3 bulan selepas tamat tempoh)	Format Profil	Format Tesis	Format Profil	Format Profil	Format Profil
10.	Ketua Projek / Ahli Keluar Negara	Kelulusan IPT / agensi tertakluk kepada kecukupan geran dan p				
		Kelulusan RMC	Kelulusan JPT, KPT	Kelulusan RMC	Kelulusan RMC	Kelulusan RMC

- All application must be submitted through MyGrants System before **18 Feb 2019**
- Latest guideline can be downloaded at Website MyGrants <https://mygrants.gov.my>

Thank You!

Please contact our team if need assistance :

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