# SKIM GERAN PENYELIDIKAN KEMENTERIAN PENDIDIKAN MALAYSIA

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### SKIM GERAN PENYELIDIKAN KPM





PEMBUDAYAAN PENYELIDIKAN 'Basic research advances fundamental knowledge about the human world. It focuses on refuting or supporting theories that explain how this world operates, what makes things happen, why social relations are a certain way, and why society changes'.

## **FUNDAMENTAL RESEARCH**

'Basic research generates new ideas, principles and theories, which may not be immediately utilized; though are the foundations of modern progress and development in different fields'.

## **FUNDAMENTAL RESEARCH**

## MATLAMAT FRGS



	CRITERIA	SUB ITEM	OVER ALL	COMMENT- A MUST FOR (X) OVERALL
3. Research Background  • Elaboration of title		1		Concept to be used in the taxonomy is not clear. What are the issues related to the concept.
•	Clarity of problem statement and research question /hypothesis/ theoretical framework (if applicable)	Х		The proposed research focuses more on issues at KPM and school rather than as theoretical issues
•	Cited most recent (last 5 years) related references	/		related to high performance.
•	In line with government policy, national agenda and global aspiration (can help alleviate problems at local, national or world level)	/		
4. C	Specific, Measurable, Achievable, Realistic and within Time-frame (SMART)	X		- Too many objectives focuses on 'to explore' and 'to document'. Objective do not explore 'why' and 'How' which is the requirement of FRGS
•	Relate to problem statement / research question	X		
5. N	lethodology  Clear and detailed description of methodology (may consist of field work, sampling techniques, interview session, analysis; lab work of different phases, experimental protocol, statistical analysis)	X		Method ends with gathering data. How about the development of taxonomy and process of validation of the taxonomy.

**TAJUK** 

**OBJEKTIF** 

PERMASALAHAN KAJIAN/HIPOTESIS/ PERSOALAN KAJIAN

## PENILAIAN

#### 1. TITLE

- Specific in nature reflecting fundamental issues to be resolved / novelty.
- Brief and reflects the content of the proposal

### 4. Objectives

- Specific, Measurable, Achievable, Realistic and within Time-frame (SMART)
- Relate to problem statement / research question

### 3. Research Background

- Elaboration of title
- Clarity of problem statement and research question /hypothesis/ theoretical framework (if applicable)
- Cited most recent (last 5 years) related references
- In line with government policy, national agenda and global aspiration (can help alleviate problems at local, national or world level)

### **Contoh Projek Lulus**

The Dynamic of Value Creation in Islamic Financial Institution Development of Malaysian T-Creativity Indicators and Instrument for Sustainable Technology Education. Conceptualizing Model of Recognition for International Qualifications into Institutions of Higher Learning in Malaysia. Formulation of Foster Care Law Model for an Effective Legal Protection of Children in Malaysia.

## **Contoh Projek Ditolak**

Kesan kegawatan ekonomi terhadap spiritual dan emosi pekerja sektor swasta: Kajian kes di Lembah Kelang. Private sector governance and sociocultural transformation in the age of globalisation: Case study of corporate organizations in Malaysia. An investigation of Malaysian's free and open source software vendors. Consumers' reaction and perception towards new payment technologies.



### JELASKAN JURANG DALAM PERMASALAHAN KAJIAN — RUJUKAN TERKINI

**METODOLOGI** 

KOS PENYELIDIKAN

## PENILAIAN

### 5. Methodology

- Clear and detailed description of methodology (may consist of field work, sampling techniques, interview session, analysis; lab work of different phases, experimental protocol, statistical analysis)
- Able to achieve research objectives
- Include research design, flow chart, Gantt chart, activities and milestones

#### **COST CATEGORY**

Vot 11000 - Salary and Wages

Vot 21000 - Travelling and Transportation

Vot 24000 - Rental

Vot 27000 - Research Materials and Supplies

Vot 28000 - Maintenance and Minor Repair Services

Vot 29000 - Professional Services

Vot 35000 - Accessories and Equipment

#### **TOTAL**

### KOS PENYELIDIKAN TERLALU TINGGI

Bilangan responden yang ramai.
Dicadangan sekitar 500 responden.

Liputan kawasan kajian yang meluas ke seluruh negara. Dicadangkan dibuat sebagai kajian kes

Bilangan penyelidik yang ramai. Pastikan hanya yang mempunyai kepakaran berkaitan sahaja.

Menggunakan pelajar siswazah sebagai GRA berbanding dengan RA dan RO.

### 6. Expected Result

New theory or new findings/knowledge

Publication in indexed journals (top tier)/Intelectual property

Human capital – masters or PhD

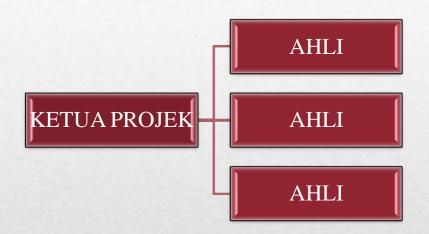
Impact on society, economy and nation



## 7.Track Record and Composition of Team

 Evidence of previous successful research projects

- Qualification and rank of researchers
- Well balanced team



## KEAHLIAN DAN KEPAKARAN MENGENDALIKAN PROJEK

## 2. Executive Summary (max 300 words)

- Problem statement
- Objectives
- Methodology
- Expected output / outcome / implication
- Significance of output



## PENILAIAN KESELURUHAN

### KELEMAHAN KERTAS CADANGAN

1

Majoriti proposal adalah lebih mirip kepada penyelidikan gunaan.

2

Sorotan kajian lalu yang tidak lengkap

3

Objektif kajian tidak jelas mengenai aspekaspek fundamental yang ingin dikaji.

4

Kaedah kajian tidak terperinci dan selaras dengan peruntukan kewangan yang dipohon.

5

Kepakaran ahli-ahli kumpulan perlulah sejajar dengan projek penyelidikan yang dipohon.



Penyelidikan fundamental perlu menjawab soalan "mengapa" dan "bagaimana". Permohonan geran yang sekadar menjawab soalan "apa", "siapa", "dimana" dan "bila" tidak dapat dipertimbangkan di bawah konsep penyelidikan fundamental

