

IIRG 2019-2021



**University of Malaya Impact Oriented
Interdisciplinary Research Programme Grant
(IIRG)
2019-2021**

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Dean, Frontiers of the Natural World

24th January 2019

Auditorium, Level 1, Research Management & Innovation Complex, UM

Specific criteria for IIRG

No. of Sub-Programmes	≥ 3
Maximum Ceiling (Per programme)	Science : RM 300,000/program for 2 years Non-Science : RM 150,000/program for 2 years
Duration (Months)	24



strengthen **niche** &
nurture **thrust** areas

encourage
interdisciplinary
research

drive **impact**
oriented research

Definition - Interdisciplinary

a mode of research by teams or individuals that integrates information, data, techniques, tools, perspectives, concepts and/or theories from two or more disciplines or bodies of specialized knowledge to advance fundamental understanding or to solve problems whose solutions are beyond the scope of a single discipline or area of research practice.*

FOR IIRG: researchers must come from at **2 different disciplines** and **2 different faculties**

**APPLICATION FORM****UNIVERSITY OF MALAYA INTERDISCIPLINARY RESEARCH PROGRAMME 2019-2020**

PROGRAMME LEADER		
PROGRAMME TITLE		
SUB-PROGRAMME TITLE & LEADERS	SUB-PROGRAMME TITLE	SUB-PROGRAMME LEADER
	1.	
	2.	
	3.	

A. Research Programme [Please tick (✓) ONE (1) Research Cluster AND ONE (1) Niche OR Thrust area only]

RESEARCH CLUSTER:

NICHE AREAS:

THRUST AREAS:

 Frontiers of the Natural World Nature-Inspired Technology (Driving Drug Discovery) Curiosity-Driven Fundamental Research Health & Well Being Active Aging Innovative Health Cancer Lifestyle Diseases Mental Well-Being Innovative Industry & Sustainability Science Energy IR4.0 Materials Water & Environment Sustainable Living Social Advancement & Happiness Behavioural Studies Education for the Future Cultural, Heritage and Civilization Smart Society

B. EXECUTIVE SUMMARY (max. 300 words: Should include, but not limited to background of research, objectives, problem statement (needs, approach, benefits, competition) and brief methodology)

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C. LINKAGES BETWEEN SUB-PROGRAMME (max. 300 words)

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D. QUALITY OF RESEARCHERS

i. Research Team Track Record

No.	Name	Faculty	H-Index	Citations	No. of Publications**	Role/ Contribution
1.						
2.						
3.						

** For the past 5 years and **MUST** be relevant to the proposed programme

ii. International Collaborations/External Collaborator and Stakeholders (**MUST be relevant to the proposed programme**)

No.	Institution	Name of Researcher	Role/ Contribution
1.			
2.			
3.			

D. QUALITY OF RESEARCHERS

i. Research Team Track Record

No.	Name	Faculty	H-Index	Citations	No. of Publications**	Role/ Contribution
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No.	Institution	Name of Researcher	Role/ Contribution
1.			
2.			
3.			

E. TARGETTED RESEARCH OUTPUT(Please select at least 1 (ONE) from each category)

i. ACADEMIC OUTPUT

No.	Details	Output
1.	ISI	
2.	IPR/Copyright	
3.	Human Capital Developments	
4.	Book (s)/Chapters in book (s)	
5.	Peer reviewed journal articles	
6.	Policy	

ii. NON-ACADEMIC OUTPUT

No.	Details	Output
1.	Commercialization	
2.	Media Articles	
3.	Website	
4.	Software/Applications	
5.	Societal Engagement	
6.	Others: Please specify	

Additional info

B(viii) Latest CV & Researchers' Profile (maximum 1 page each- Please use attached template for the profile and enclose in the Appendix)

CV Terkini & Profile Penyelidik (maksimum 1 muka surat bagi setiap dokumen - Sila gunakan template yang telah disediakan bagi profil penyelidik dan lampirkan di bahagian Apendiks)

Di) Detailed Proposal of Research Sub-Programme :

Maklumat cadangan sub-program penyelidikan secara terperinci:

(a) **Abstract (maximum 150 words)** *Abstrak (maksimum 150 patah perkataan)*

(b) **Graphical Abstract (maximum 1 page-A4)(Please use attached template and enclose in the Appendix)** *Abstrak grafik (maksimum 1 mukasurat-A4)(Sila gunakan template dan lampirkan di bahagian Apendiks)*

(c) **Research background including Introduction /Hypothesis /Research Questions and Literature Reviews.** *Keterangan latar belakang penyelidikan termasuk Pengenalan/kenyataan hipotesis / persoalan penyelidikan dan kajian literatur.*

(d) **SMART Objective (s) of the Research/ SMART Objektif Penyelidikan****

S - Specific, significant, stretching

M - Measurable, meaningful, motivational

A - Agreed upon, attainable, achievable, acceptable, action-oriented

R - Realistic, relevant, reasonable, rewarding, results-oriented

T - Time-based, time-bound, timely, tangible, trackable

Allocation

- salary & wages: max = **RM 30,000/year**. Each SP must hire at least 1RA
- Travel = **fieldwork ONLY**
- **X equipment**

Research continuity

- Must **show evidence** that a **proposal** is ready for submission for **external funding application** as a **continuation** of the **work** in **IIRG** (at month 21)

Research output will be **ONLY** accepted if:

- **after** the grant is being **awarded**.
- **relevant** to the project/programme approved.

Flow: Announcement to Award



1st round based on

- Executive Summary
- Linkages between sub-programmes
- Quality of Researchers
- Research Impact



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Thank you